

ca

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PROCESSES AND PROPERTIES INDEX

The determination of adrenaline in blood during allergic reactions. Gyula Surányi and László Zsuzsá. *Magyar Orvosi Arch.* 40, 429-34 (abstract from English summary, 474) (1939).—The adrenaline (I) content of blood was detd. in rabbits by Euler's method in two sets of expts. before and after sensitization as well as before and after re-injection with horse serum. Two further sets of expts. were carried out on rabbits to study the effects of vaccination in a similar manner. The same procedure as well as one case of nirvanol exanthema were studied also on children. A marked decrease of the time of reduction (increased I content) was observed in the course of allergic reaction in all the expts. The increased production of I is regarded as a compensatory reaction of the organism against the poison causing shock. After a survey of the literature dealing with similar findings the authors call attention to the importance of local production of I by the sympathetic nerve endings upon the stimulation of the sympathicus, which may come about independent of the adrenal. The I exerts its action in momentary stimulations, while permanent condition, as for instance genuine hypoadrenalism, can be attributed less to a decreased function of the medullary, than to a hypofunction of the cortical substance. C. L. H.

COMMON VARIABLES INDEX

11F

Urea excretion of babies and children. István Farkas.
Orvosi Hetilap 60, 308-9(1940).—In 14 children aged 3.3-
34.0 months there was a pos. correlation between glomerular
clearance, urea clearance, and diuresis per min. The better
the state of development, expressed by body wt., the higher
was the urea clearance.
István Farkas

L 39825-66 EWT(m) GD-2
ACC NR: AF6020081

SOURCE CODE: HU/0034/65/013/006/0061/0515

AUTHOR: Zimanyi, Jozsef

ORG: Central Research Institute for Physics, Budapest (Kozponti Fizikai Kutato Intezet)

TITLE: Circular polarization of the gamma radiation following the stripping reaction

SOURCE: Magyar fizikai folyoirat, v. 13, no. 6, 1965, 461-515

TOPIC TAGS: circular polarization, gamma radiation, deuteron reaction, approximation method

ABSTRACT: The stripping reaction of deuterons was described in terms of the Central-Force Distorted Wave-Born Approximation model. Experimental studies were performed to establish the circular polarization of the gamma radiation following the stripping reaction. The description of the deuteron stripping reaction is given.

KESZTHELYI, Lajos; ZIMANYI, J. (Budapest)

An account of the 2d Matrahaza Conference on Nuclear Physics.
Fiz szemle 8 no.2:64-66 F.58

1. "Fizikai Szemle" szerkeszto bizottsagi tagja (for Keszthelyi).

21 MAY 1957

3. 1630

Possibilities for the investigation of parity nonconservation in β -decay. J. Zimanyi. (Magyar Tudományos Akad. Központi Fiz. Kutató Intézete, Budapest, Hung.).

Magyar Tudományos Akad. Központi Fiz. Kutató Intézete, Budapest, Hung. (Közlemények 3, 325-30 (1957); cf. Marx, *ibid.*, 315). The result of the parity nonconservation presumed in β -decay is that β -electrons and γ -quanta resulting from the decay show longitudinal and circular polarity. Planned expts. are described.

ZIMANYI, J.

17. Polarization of β particles in Li^+ decay. L. K. Kozsatholy,
J. Zimanyi. A Magyar Tudományos Akadémia Közleményei
Fizikai Kutató Intézetének Közleményei (Proceedings of the
Central Research Institute of the Hungarian Academy of
Sciences) Vol. 6, 1965, 1-10.

6

ZIMANYI, J.

2-4830

14. Circular polarization of ratina gave following the emission 2

HUNGARY/Nuclear Physics - Structure and Properties of Nuclei.

C.

Abs Jour : Ref Zhur - Fizika, No 7, 1959, 14895

Author : Zimanyi, (Mraz) Jozsef

Inst : -

Title : Concerning the Problem of Parity Conservation

Orig Pub : Energia es Atomtechn., 1958, 11, No 6, 337-341

Abstract : No abstract.

J. ZIMANYI

19
Circular polarization of γ -rays following the emission of
polarized heavy particles. J. Zimanyi (Central Research
Inst. Phys., Budapest, Hung.). *Nuclear Phys. USSR* 11
(1954). The polarization was tested, and was found pro-
portional to the polarization of the emitted heavy particles.
Correlation between the polarizations could be expressed
by known functions of essentially geometrical nature.

63
1/8 3/4
8/5/54

IMANX, J.

Notes on the transitions from the excited levels of platinum-192. / Lajos Kossuth and József Zinnari. Magyar Tudományos Akad. Közlemények, Kémiatudományi Osztály, Budapest 5, 495-501 (1957). — The 784-e.v. energy level of Pt^{192} decays partly by 408-e.v. β_2 radiation into the 314-e.v. excited level and partly by 784-e.v. β_4 radiation into the ground state. It follows from the high intensity of the crossover that the 408-e.v. transition has to slow down to about 10^{-12} sec. According to the β - γ coincidence measurements, the lifetime of the 408-e.v. transition is $< 3 \times 10^{-12}$ sec. In these experiments an anthracene single crystal was used as β -detector connected to an RCA 6349 photomultiplier and $\text{PbF}_2 \times 1$ in. NaI crystal connected to an RCA 6341 type photomultiplier as the γ -detector. A fast, accurate method is described to measure the high-energy part of the Pt^{192} spectrum by using a ...

ZIMANYI, J.

"Circular polarization of gamma rays following the emission of polarized Heavy particles." p. 361

A MAGYAR TUDOMANYOS AKADEMIA KOZPONTI FIZIKAI KUTATO INTIZETENEK
KOZLEMENYEI, Budapest, Hungary, Vol. 6, No. 5, Sept./Oct. 1958.

HUNGARY/Nuclear Physics - Structure and Properties of Nuclei.

C-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 5347

Author : Keszthelyi Lajos, Zimanyi Jozsef.

Inst : -

Title : Polarization of β Particles in the Decay of Li^8 .

Orig Pub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1958, 6,
No 5, 358-360, IV - V

Abstract : The circular polarization of Bremsstrahlung of electrons in the decay of Li^8 is measured. By determining the polarization of the β particles from the polarization of the bremsstrahlung and by comparing the results with those of Lauterbach et al.

HUNGARY/Nuclear Physics - Installations and Instruments. Methods
of Measurement and Research

C-2

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 262

Author : Lakosi Laszlo, Zimanyi (Mraz) Jozsef

Inst : -

Title : Calculation and Calibration of Delay Line with the Aid of
Measurements of Delayed Coincidences

Orig Pub : Magyar tud. akad. Kozp. fiz. kutato int. kozl., 1957, 5,
No 5, 502-513

Abstract : The parameters of the delay lines in the region of 10^{-7} seconds
and test measurements are made.

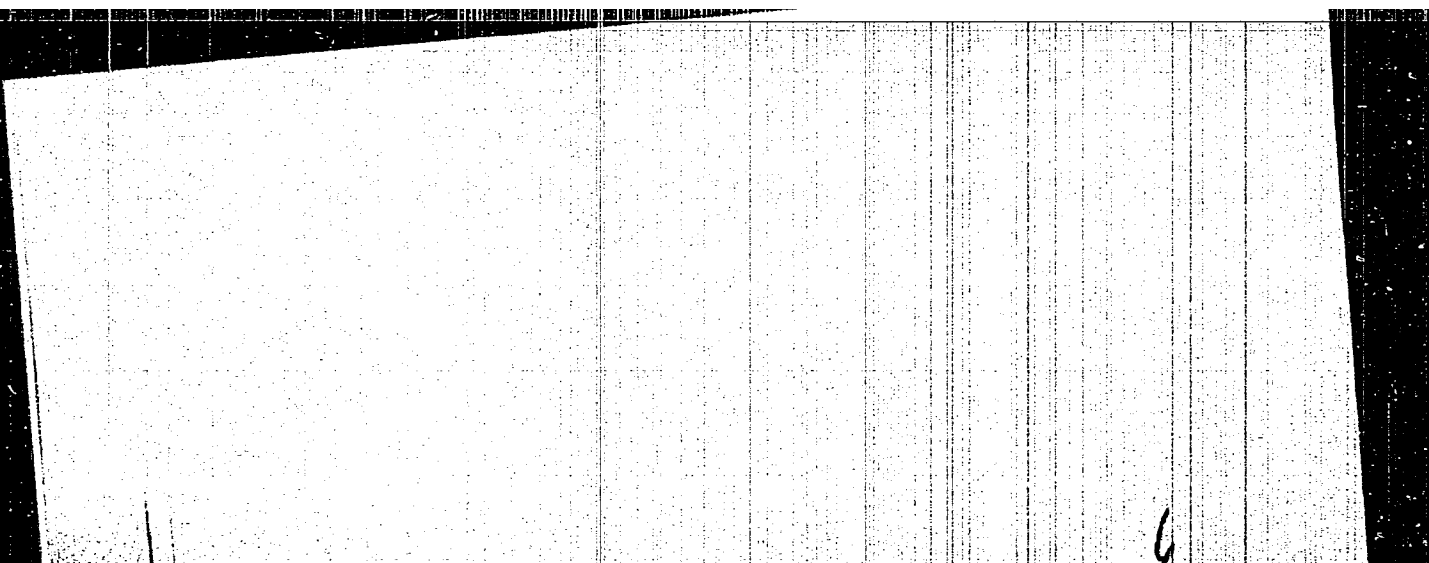
ZIMANYI, I.

Distr: 123c/133d

Polarization of β -particles in lithium-8 decay. I. Kise-
thelyi and I. Zimanyi (Central Research Inst. Phys., Hung-
ary, Budapest). Nucl. Cimento 10, 668-676 (1968) in Hung-
ary. The polarization has been examined by measuring the
circular polarization of the external bremsstrahlung produced
by the 12-m.e.v. β -particle of Li^8 in a Pb absorber. The av-
erage polarization of the left-handed circularly polarized γ -rays
is $P_\gamma = (86 \pm 20)\%$. It is concluded that the β -particles of
 Li^8 are polarized in a backward sense. W. V. S. Bal-

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065210006-9

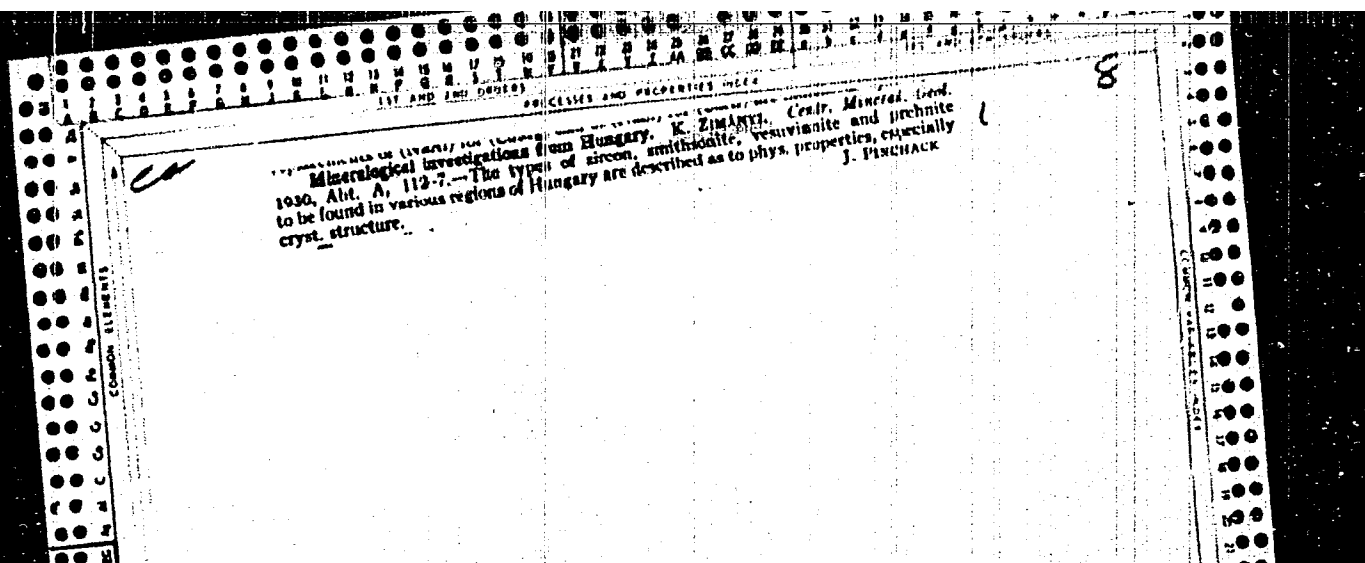


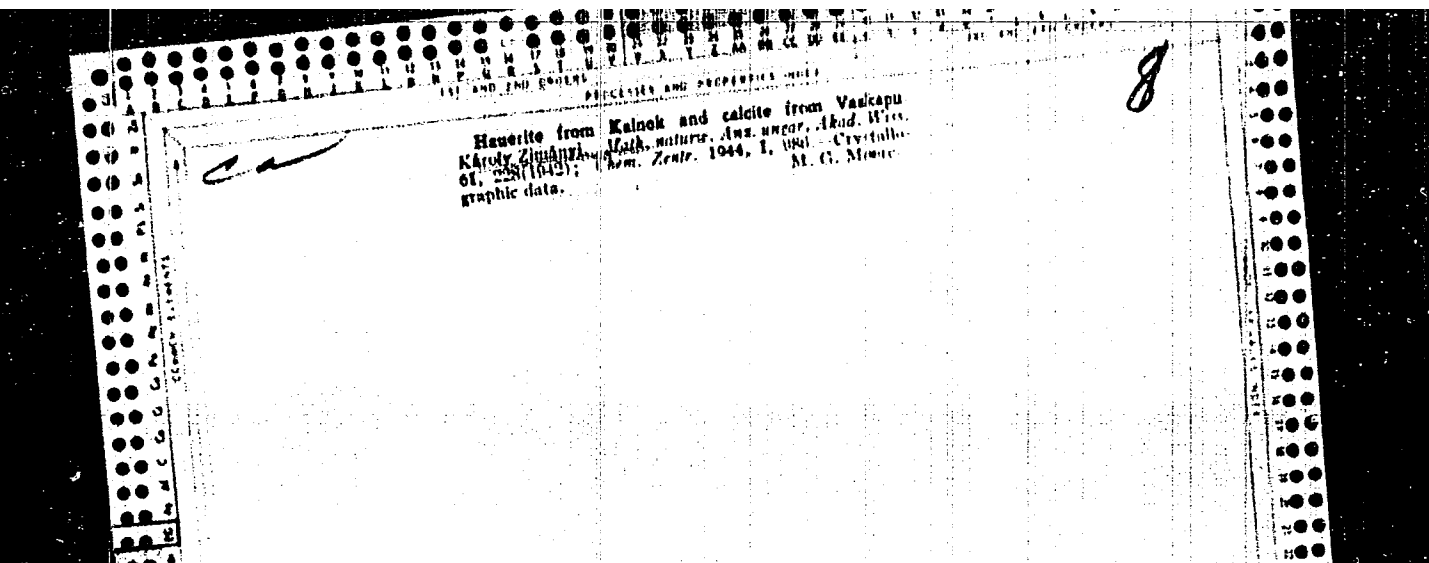
APPROVED FOR RELEASE: 07/16/2001

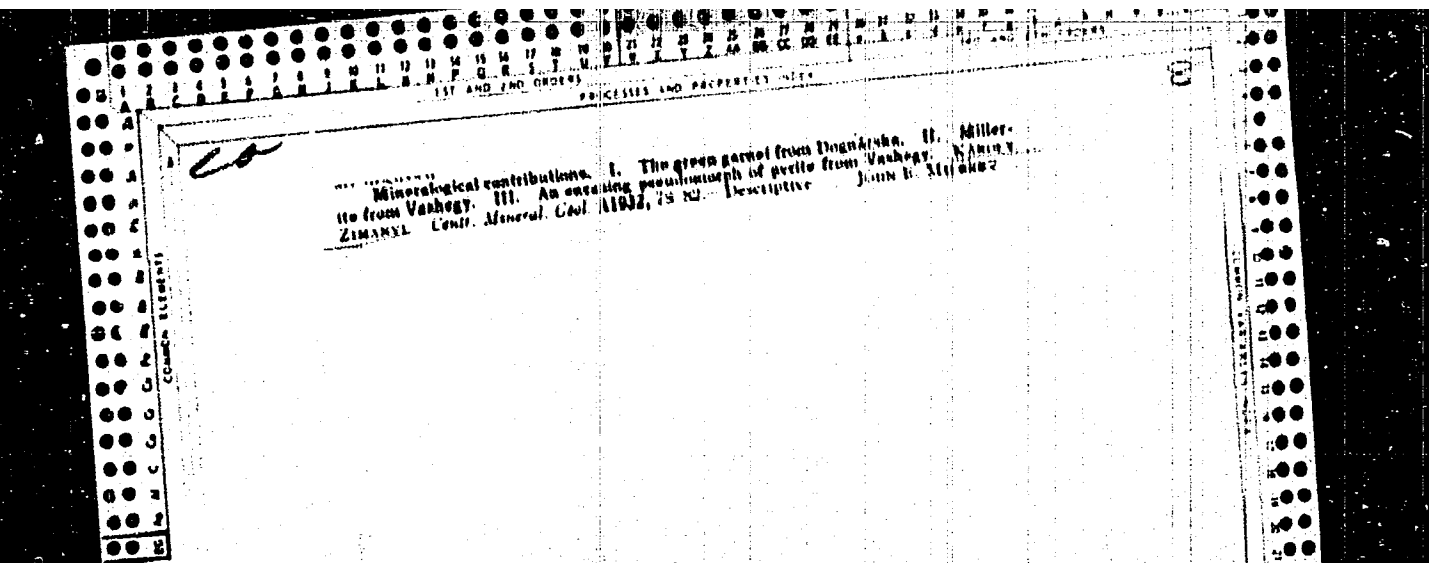
CIA-RDP86-00513R002065210006-9"

MENYHARD, Nora; ZIMANYI, Josef

Residual interactions at the stripping reactions. Koz fiz kozl
MTA 10 no.1:47-53 '62







SENTEPHER, I. [Szenteper, I.]; ER, Y. [Ero, J.]; GURTS, I.
ZIMANI, Y. [Zimanyi, J.]

Circular polarization of gamma quanta accompanying the
 $n^{10}(d, p)$ n^{10} reaction. Izv. Fiz. 1 no. 6:1003-1004. Ju 1965.
1. Tsentralnyy Institut Fizicheskikh Issledovaniy, Budapest.

TORMASI, Istvan, dr.; ZIMANYI, Laszlo, dr.

A rare case of displacement of the last lumbar vertebra.
Magy. radiol. 16 no.1:46-49 F'64.

1. A komloi Rendelointezet (igazgato: Horvath, Ferenc, dr.)
sebeszeti (foorvos: Tormasi Istvan dr.) es Rontgen (foorvos:
Zimanyi Laszlo dr.)osztalyanak kozlemenye.

TORMASI, Istvan, dr.; ZIMANYI, László, dr.

A rare case of multiple vertebral dislocations. Magyar radiol. 13
no.2:111-114 Mr '61.

1. Komló Városi Tanács Rendelintetése (igazgató: László dr.)
Sebeszeti (főorvos: Tormasi István dr.) és Röntgen (főorvos: Zimanyi
László dr.) szakrendelőinek közleménye.
(SPINE fract & disloc)

KOSIK, Pal; SALLAY, Melanie; ZIMANYI, Magda

Problems of thermal conductivity in case of complex boundary conditions.
Mat kut kozl MTA 4 no.3/4:377-383 '59. (EEAI 9:9)
(Heat) (Boundary value problems)

ZIMANYI, S. 1948

(Mutter-und Sauglingsfursorgestelle, Budapest)

"An Experimental Contribution to Problems of Differential Diagnosis in Connection
With BGS. Vaccination."

ZIMANYUK, Ye.N.

Introducing the buret system in pharmacies. Apt.delo 6 no.5:64
S-O '57. (MIRA 10:11)

1. Iz L'vovskogo oblastnogo aptechnogo upravleniya
(DRUGSTORES)

ZIMANYUK, Ye.N., provizor

~~Some~~ problems concerning improvement in pharmacy work. Apt.delo 6
no.1:46-47 Ja-F '57. (MIRA 10:3)

1. Iz L'vovskogo oblastnogo aptechnogo upravleniya Glavnogo
aptekoupravleniya USSR.
(PHARMACY)

ZIMANYUK, Ye. N.

Greater efficiency in pharmaceutic practice. Apt.delo 4 no.1:33-34
Ja-F '55 (MIRA 8:4)

1. Iz L'vovskogo oblastnogo aptechnogo upravleniya.
(PHARMACY,
in Russia)

ZIMANYUK, Ye.N.

Valuable initiative. Apt. dele 4 no.5:38-39 S-O '55. (MLBA 8:12)
(PHARMACY,
in Russia, organis.)

ZIMAREV, A. N., Engineer
LANDER, E. P. Engineer
ZEYDENBERG, V. K., Engineer
SENATOROV, YU. I., Engineer

"Arithmetic Unit for Automatic Parallel Operation Computing Machine Employing Germanium Point Contact Instruments" a paper presented at the Conference on Methods of Development of Soviet Mathematical Machine-Building and Instrument-Building, 12-17 March 1956.

Translation No. 596, 8 Oct 56

ZEYDENBERG, V.K.; ZIMAREV, A.I.; LANDER, Ye.P.; SENATOROV, Yu.I.

[Parallel-type arithmetical system using semiconductor devices] Arifmeticheskoe ustroistvo parallel'nogo tipa na poluprovodnikovyykh priborakh. Moskva, In-t tekhn. mekhaniki i vychislitel'noi tekhn. Akad.nauk SSSR, 1957. 27 p.

(MIRA 12:10)

(Transistor circuits) (Electronic calculating machines)

ZIMAREV, A. N.

"A Dynamic Flip-flop with Negative Pulses Condenser Charging, 1958.

Inst. Exact Mechanics and Computing Techniques, Acad. Sci. USSR

A dynamic flip-flop circuit using a contact-point transistor is described -
some circuit specifications are presented.

ZIM AREU, A.N.

PHASE I BOOK EXPIRATION 507/2675

tehnicheskoy propyandey in V. E. Derrzhinskogo

nia i yeye primeneniye. (Computation Techniques and Its
20, Gosstatizdat, 1959. 201 p. (Series: Obshchestvennoye
a politicheskoye i nauchnoye znaniye 1959) 5,000 copies

A. Lebedev, Akademik; M. (Inside book); V.I. Zvezdov, V.
Kreyer.

ion of articles is intended for scientific, engineering
engaged in research, design and operation of digital
20. It may also be used by students of those specializing

present fundamentals of digital computers, their elements
arithmetic units, internal and external memory and control
use the possibility of constructing computers using semi-
to discuss the fundamentals in the theory of logical
and their elements. Brief discussion of mathematical
presented. The articles were presented at a computer semi-
nary for the scientific and technical personnel of the
in 1957. The personalities are mentioned. References
some articles.

18. Construction of High-speed Computers Using

the possibility of using transistors in computer
the operation of the following transistor circuit:
the elements, transistors and diodes. (Inside book)
References: 1 Soviet and 3 English.

201

Series of Series Computing Machines.
component elements of series computing machines such
circuits for transforming codes, adding and sub-
circuits for determining coincidence of two codes.
operation of a series-type memory unit. There

te of Technical Sciences. Electronic Analog Computers
Equations

a general discussion of analog computers and considera-
tion. He presents a table of Soviet computers.
a year of manufacture and the developing organiza-
references, all Soviet: (including 1 translation).

late of Technical Sciences. Operational Units of

the operation of the units in a computer such
as, differentiators, operational amplifiers,
logical converters are analyzed their circuits. There
1 Soviet (including 1 translation).

17. Use of Analog Computers in Engineering and

the use of analog computers for analyzing me-
chanical machinery such as rolling machines, dy-
namical systems, etc. Use of analog computers
equations is also discussed. There are 8 references,
2 translations.

18. Methods of Solving Problems for Analog

the use of solutions
reducing problems to a firm solu-
tion and describing the methods of connecting various
circuit elements and presenting proper scale factors
and presents numerical examples. He also
presents nonlinear functions and considers computer
in references.

19. of Technical Sciences. Modern Small Math-

the construction and operation of mathematical
calculators, integrators and planimeters. He also
describes the design of calculators developed by Mader, Gredel and Mader.
of instruments for analyzing random functions.
a, 7 Soviet (including 2 translations) and 7 English.

ZIMAREV, A.N.

PHASE I BOOK EXPLOITATION

80V/4162

Golovistikov, Petr Petrovich, Aleksey Nikolayevich Zimarev, and Kirill
Sergeyevich Neslukhovskiy

Arifmeticheskoye ustroystvo i ustroystvo upravleniya BESM (Arithmetical and Control
Units of the BESM / High-Speed Electronic Computer/). Moscow, Fizmatgiz, 1960.
244 p. (Series: Elektronnaya tsifrovaya vychislitel'naya mashina BESM, 2)
15,000 copies printed.

Ed. (Title page): S.A. Lebedev, Academician; Ed. (Inside book): Yu. M. Bezborodav;
Tech. Ed.: S.N. Akhlanov.

PURPOSE: This book is intended for workers in computing centers, students,
and personnel employed in the field of computational

Arithmetical and Control Units of the BESM (Cont.)

SOV/4162

In addition, the book discusses fundamental aspects of the arithmetic unit and describes how various elementary operations are carried out by means of the circuits of the arithmetic unit. The functional circuits of units for numbers and orders are described in detail. The book discusses the underlying principles of the control unit's construction and the realization of its components and blocks. A study is made of the operation of circuits during the execution of various arithmetical and special operations by the control unit. P.P. Golovistikov wrote chapter III, A.N. Zimarev chapters I and II, and K.S. Neslukhovskiy, chapter IV. They belong to the Institut tochnoy mekhaniki i vychislitel'noy tekhniki AN SSSR (Institute of Precise Mechanics and Computer Technology of the Academy of Sciences USSR). The authors thank Yu. M. Bezborodov. There are no references.

TABLE OF CONTENTS:

68232

9(6) 24. 7700
16.6810

S/026/60/000/02/015/052
D031/D002

AUTHOR: Zimarev, A.N., and Kontarev, V. Ya.

TITLE: Superconductivity and Cybernetics 16

PERIODICAL: Priroda, 1960, Nr 2, pp 75-77 (USSR)

ABSTRACT: The authors indicate one of the methods to solve the problem of making small, quick-operating, computing machines using very little electric energy and having an increased memory. They explain the phenomenon of superconductivity which can be observed in almost half of all known materials. 16

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S/026/60/000/02/015/052
D031/D002

Superconductivity and Cybernetics

the winding, a magnetic field is created with the help of which the state of the central lead can be controlled, i.e. maintained in a normal state if the current exceeds the critical one, and kept in a superconductive state when it is below it. The operation principle is the same as that of an electromechanical relay. When conducting an analogy between an electronic tube and a criotron, the central cable may be compared with the tube's anode and

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D031/D002

Superconductivity and Cybernetics

can be obtained, e.g., if 2 criotrons are connected according to the diagram in Figure 5. A complete change over circuit (or trigger) is given in Figure 6. The logical operations "and" and "or" are very simply realized on criotrons, and accordingly, various systems of computing machines can be built with their help. Criotron systems do not require the use of resistances, condensers and other parts. The transition of the criotron from one state into the other does not require

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D031/D002

Superconductivity and Cybernetics

of ~ 0.2 mm diameter was used, while for the controlling winding, niobium wire of ~ 0.07 mm in diameter was taken. The working current consisted of $\sim 0.3 \div 0.4$ ampere. The operation speed of the criotrons proved to be in the order of a hundred microseconds, and in the speed of changing over it is inferior to ferrite cores ($\div 1$ microsecond). The authors also deal with the use

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D031/D002

Superconductivity and Cybernetics

computing devices based on the use of superconductivity will be developed and it should then be possible to design more perfect devices than those existing at present. There are 7 diagrams and 1 Soviet reference.

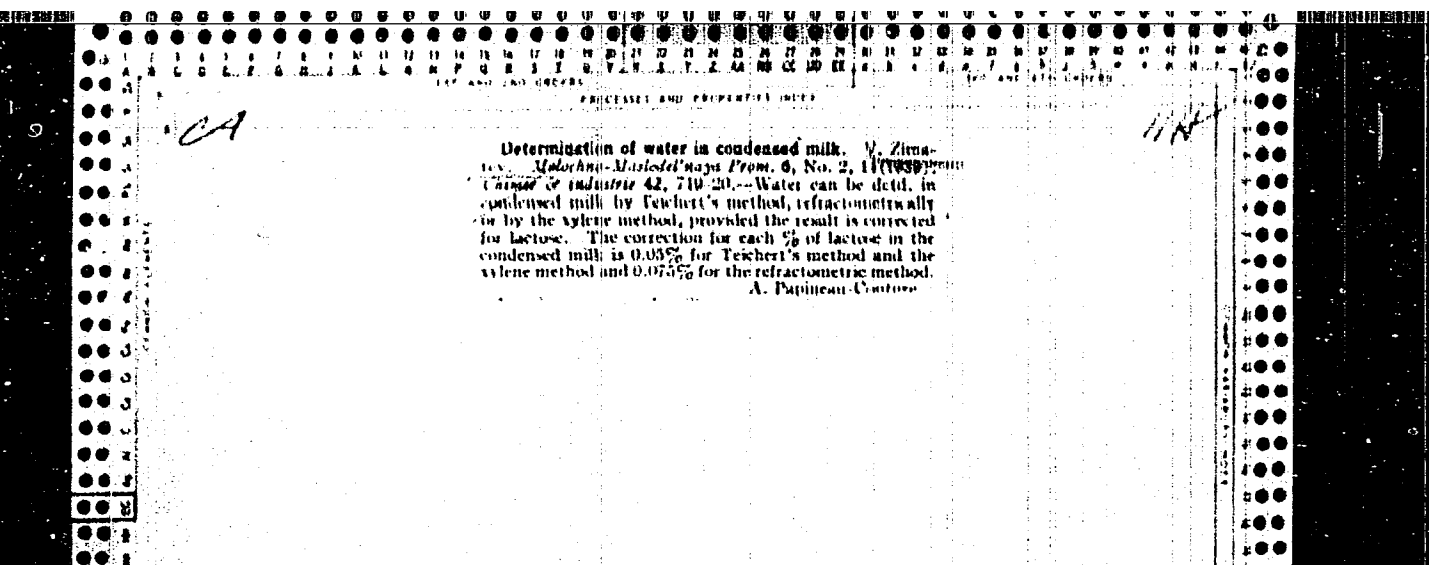
ASSOCIATION: Moskovskiy fiziko-tekhnicheskii institut (Moscow Physico-Technical Institute).

Card 5/5

BLIZNYAK, E.V. [author]; ZIMAREV, E., inzhener [reviewer].

"Hydraulic research." E.V. Blizniak. Reviewed by E. Zimarev. Mor. i rech. flot
13 no. 3:32 Jy '53. (MLHA 6:8)

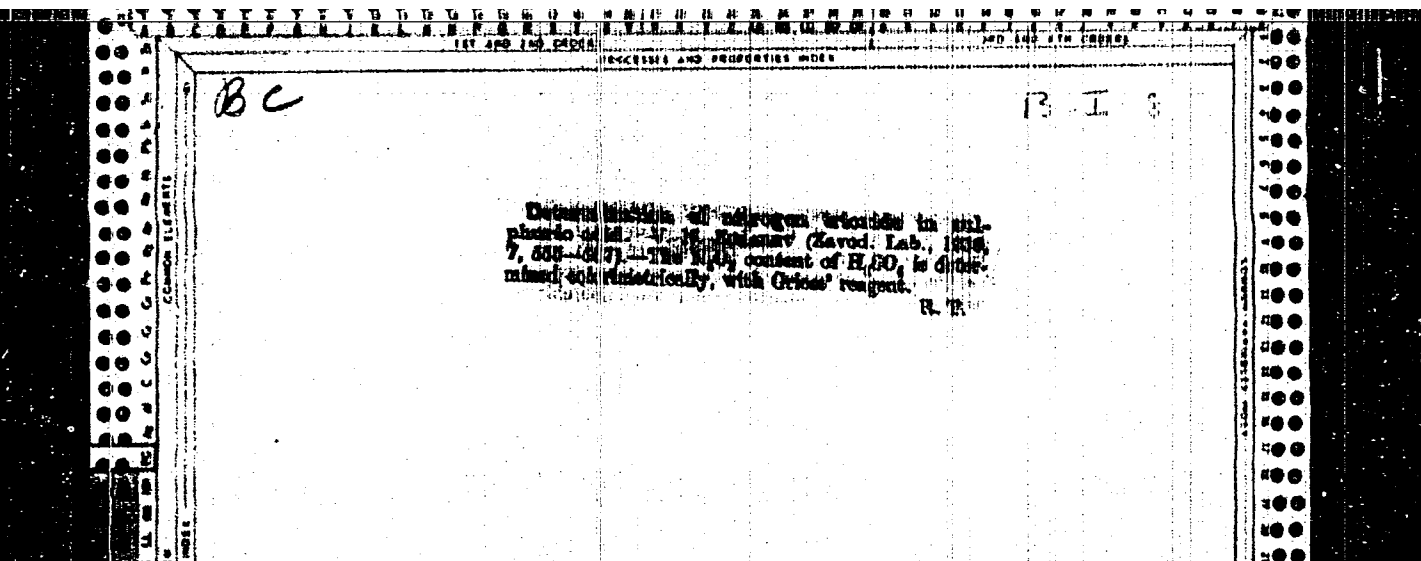
(Blizniak, E.V.) (Hydraulic engineering)



CA

rapid determination of water soluble and free phosphorus pentoxide in superphosphate. V. L. Zissaruk, Zashchaya Lab. 5, 363 (1950).—Dissolve 1 g. of superphosphate in 25 ml. of H_2O and titrate the soln. with 0.1 N NaOH, in presence of methyl orange-indigo carmine indicator to a green color. Add 20 ml. of 5% $CaCl_2$ and continue the titration in presence of phenolphthalein-naphtholphthalein to a blue color. B. C. A.

1ST AND 3RD PERIODS		PROCESSES AND PROPERTIES INDEX	
BC			B-I-8
<p>Rapid determination of water-soluble and free phosphorus pentoxide in superphosphate. V. L. Znamensky (Zavod. Lab., 1938, 5, 343).—1 g. of superphosphate is dissolved in 25 ml. of H₂O, and the solution titrated with 0.1N-NaOH, in presence of Mc-orange-indigo-carotene indicator, to a green colour. 20 ml. of 5% OCl₂ are added, and the titration is continued, in presence of phenolphthalein-naphthol-phthalein, to a pink colour. R. T.</p>			



ZIMAREV, Ye., inzh.; NIKOSHKOV, B., inzh.

Improving the navigability of the Tigris River. Rech. transp.
21 no.6:54-55 Je '62. (MIRA 15:7)
(Tigris River--Regulation)

ZEMLYANOVSKIY, Dmitriy Konstantinovich; PANOV, S.N., retsenzent;
GRIGOR'YEV, S.N., retsenzent; ZIMAREV, Ye.Y., red.; MAKRUISHINA,
A.N., red.izd-va; BOHEOVA, V.A., tekhn.red.

[General navigation manual for inland waterways] Obshchaya
lotsiya vnutrennikh vodnykh putei. Moskva, Izd-vo "Rechnoi
transport," 1959. 226 p. (MIRA 13:3)
(Inland navigation)

ZIMAREV, Ye. V.

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.;
BIRYUKOV, S.M.; BLOKHIN, S.I.; BOROVY, G.A.; BULEV, M.Z.; BURAKOV,
N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.;
GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT,
Ye.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.;
GORBACHEV, V.N.; GRZHIN, B.V.; GEMKULOV, L.F., kand. s.-kh. nauk;
GRODZHENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO,
Yu.D.; DOBROKHOTOV, D.D.; DUBININ, L.G.; IJUNDUKOV, M.D.; ZHOLIK,
A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.;
KARANOV, I.F.; KNYAZEV, S.N.; KULEBAYEV, N.M.; KOMARNVSKIY, V.T.;
KOSENKO, V.P.; KORENISOV, D.V.; KOSTROV, I.N.; KOPLYARSKIY, D.M.;
KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; IGALOV, V.G.;
LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO,
K.I.; MENDELEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk;
MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.;
OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN,
G.A., prof.; PIYANKOVA, Ye. V.; RAPOPORT, Ye. D.; SEMIZOV, N.P.

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV, Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER, P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent, red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.; GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F., retsenzent, red.; GUDACHEV, I.N., retsenzent, red.; YERMOLOV, A.I., kand. tekhn. nauk, retsenzent, red.; KARANLOV, B.F., retsenzent, red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIKIN, V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; LUSKIN, Z.D., retsenzent, red.; MATROSOV, A.Kh., retsenzent, red.; MENDELIN'YEV, D.M., retsenzent, red.; MENKEL', M.F., doktor tekhn. nauk, retsenzent, red.; OBRZHKOV, S.S., retsenzent, red.; PIVTRASHEN', P.N., retsenzent, red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent, red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASHENKOV, N.G., retsenzent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V.,

ANDON'YEV, V.L.... (continued) Card 3.

Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N.,
tekh. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn.
red.

[Volga-Don; technical account of the construction of the V.I. Lenin
Volga-Don Navigation Canal, the TSinlyansk Hydroelectric Center,
and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'-
stve Volgo-Donskogo sunokhodnogo kanala imeni V.I. Lenina, TSin-
lianskogo gidrouzla i prositel'nykh sooruzhenii, 1949-1952; v piati
tomakh. Moskva, Gos. emerg. izd-vo. Vol.1. [General structural
descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk.
Red. toma M.M. Grishin. 1957. 319 p. Vol.2. [Organization of con-
struction. Specialized operations in hydraulic engineering] Orga-
nizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.

(Continued on next card)

ANDON'YEV, V.L.... (continued) Card 4.

Glav. red. S. I.A. Zhuk. Red. toma I.N. Kostrov. 1958. 319 p.

(MIRA 11:9)

1. Russia (1923- U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhut'in). 3. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

(Volga Don Canal---Hydraulic engineering)

ZIMARIN, V.

Mine of communist labor. Kust.ugl. 9 no.11:15-17 N '60.

(MIRA 13:12)

(Kuznetsk. Basin---Coal mines and mining)

STUDENTSOV, S.A.; ZIMAR'KOV, B.D.

Hydraulic transmission system of the TG102 diesel locomotive.
Elek. i tepl. tiaga 5 no.5:31-35 My '61. (MIRA 14:7)

1. Rukovoditel' bydro gidropredach Leningradskogo
teplovozostroitel'nogo zavoda (for Studentsov). 2. Rukovoditel'
bydro elektroupravleniya Leningradskogo teplovozostroitel'nogo
zavoda (for Zimar'kov).
(Diesel locomotives)
(Oil hydraulic machinery)

ZIMASKOV, S.V.

ANDON'YEV, V.L.; BAUM, V.A.; BAUMGARTEN, N.K.; BEREZIN, V.D.; BIRYUKOV, I.K.;
BIRYUKOV, S.M.; BLOKHIN, S.I.; BOBOVOY, G.A.; BULEV, M.Z.; BUBAKOV,
N.A.; VERTSAYZER, B.A.; VOVK, G.M.; VORMAN, B.A.; VOSHCHININ, A.P.;
GALAKTIONOV, V.D., kand. tekhn. nauk; GENKIN, Ye.M.; GIL'DENBLAT,
Ya.D., kand. tekhn. nauk; GINZBURG, M.M.; GLEBOV, P.S.; GODES, E.G.;
GOBBACHEV, V.N.; GRZHIN, B.V.; GHEKULOV, I.F., kand. s.-kh. nauk;
GRODZHENSKAYA, I.Ya.; DANILOV, A.G.; DMITRIYEV, I.G.; DMITRIYENKO,
Yu.D.; DOBROKHOTOV, D.M.; DUBININ, L.G.; DUNDUKOV, M.D.; ZHOLIK,
A.P.; ZENKEVICH, D.K.; ZIMAREV, Ye.V.; ZIMASKOV, S.V.; ZUBRIK, K.M.;
KARANOV, I.F.; KNYAZEV, S.N.; KOLEGAYEV, N.M.; KUMAROVSKIY, V.T.;
KOSHENKO, V.P.; KORENISTOV, D.V.; KOSTROV, I.N.; KOTLYARSKIY, D.M.;
KRIVSKIY, M.N.; KUZNETSOV, A.Ya.; LAGAR'KOV, N.I.; LQALOV, V.G.;
LIKHACHEV, V.P.; LOGUNOV, P.I.; MATSKEVICH, K.F.; MEL'NICHENKO,
K.I.; MENDELLEVICH, I.R.; MIKHAYLOV, A.V., kand. tekhn. nauk;
MUSIYEVA, R.N.; NATANSON, A.V.; NIKITIN, M.V.; OVES, I.S.;
OGUL'NIK, G.R.; OSIPOV, A.D.; OSMER, N.A.; PETROV, V.I.; PERYSHKIN,
G.A.; RYABOV, V.V.; RYABOV, V.D.; RYABOV, V.P.

ANDON'YEV, V.L.... (continued) Card 2.

Ye.A., retsenzent, red.; AKHUTIN, A.N., retsenzent, red.; BALASHOV,
Yu.S., retsenzent, red.; BARABANOV, V.A., retsenzent, red.; BATUNER,
P.D., retsenzent, red.; BORODIN, P.V., kand. tekhn. nauk, retsenzent,
red.; VALUTSKIY, I.I., kand. tekhn. nauk, retsenzent, red.;
GRIGOR'YEV, V.M., kand. tekhn. nauk, retsenzent, red.; GUBIN, M.F.,
retsenzent, red.; GUDAYEV, I.N., retsenzent, red.; YERMOLOV, A.I.,
kand. tekhn. nauk, retsenzent, red.; KARAULOV, B.P., retsenzent,
red.; KRITSKIY, S.N., doktor tekhn. nauk, retsenzent, red.; LIVIN,
V.V., retsenzent, red.; LUKIN, V.V., retsenzent, red.; MUSKIN, Z.D.,
retsenzent, red.; MATROSOV, A.Kh., retsenzent, red.; MENDELEYEV,
D.M., retsenzent, red.; MUNKEL', M.F., doktor tekhn. nauk, retsenzent,
red.; OBREZKOV, S.S., retsenzent, red.; PETRASHEN', P.N., retsenzent,
red.; POLYAKOV, L.M., retsenzent, red.; RUMYANTSEV, A.M., retsenzent,
red.; RYABCHIKOV, Ye.I., retsenzent, red.; STASHENKOV, N.G., retsen-
sent, red.; TAKANAYEV, P.F., retsenzent, red.; TARANOVSKIY, S.V.,

ANDON'YEV, V.I.... (continued) Card 3.

Ye.F., red.; TSYPLAKOV, V.D. [deceased], red.; KORABLINOV, P.N.,
tekhn. red.; GENKIN, Ye.M., tekhn. red.; KACHEROVSKIY, N.V., tekhn.
red.

[Volga-Don; technical account of the construction of the V.I. Lenin
Volga-Don Navigation Canal, the TSimlyansk Hydroelectric Center,
and irrigation systems] Volgo-Don; tekhnicheskii otchet o stroitel'-
stve Volgo-Donskogo sudokhodnogo kanala imeni V.I. Lenina, TSim-
lianskogo gidrouzla i prositel'nykh sooruzhenii, 1949-1952; v plati
tomakh. Moskva, Gos. emerg. izd-vo. Vol.1. [General structural
descriptions] Obshchee opisanie sooruzhenii. Glav. red. S.IA. Zhuk.
Red. toma M.M. Grishin, 1957. 319 p. Vol.2. [Organization of con-
struction. Specialized operations in hydraulic engineering] Orga-
nizatsiia stroitel'stva. Spetsial'nye gidrotekhnicheskie raboty.
(Continued on next card.)

ANDON'YEV, V.L.... (continued) Card 4.

Glav. red. S. I.A. Zhuk, Red. toma I.N. Kostrov. 1958. 319 p.

(MIRA 11:9)

1. Russia (1923- . U.S.S.R.) Ministerstvo elektrostantsii. Byuro tekhnicheskogo otcheta o stroitel'stve Volgo-Dona. 2. Chlen-korrespondent Akademii nauk SSSR (for Akhut'in). 3. Daystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Grishin, Razin).

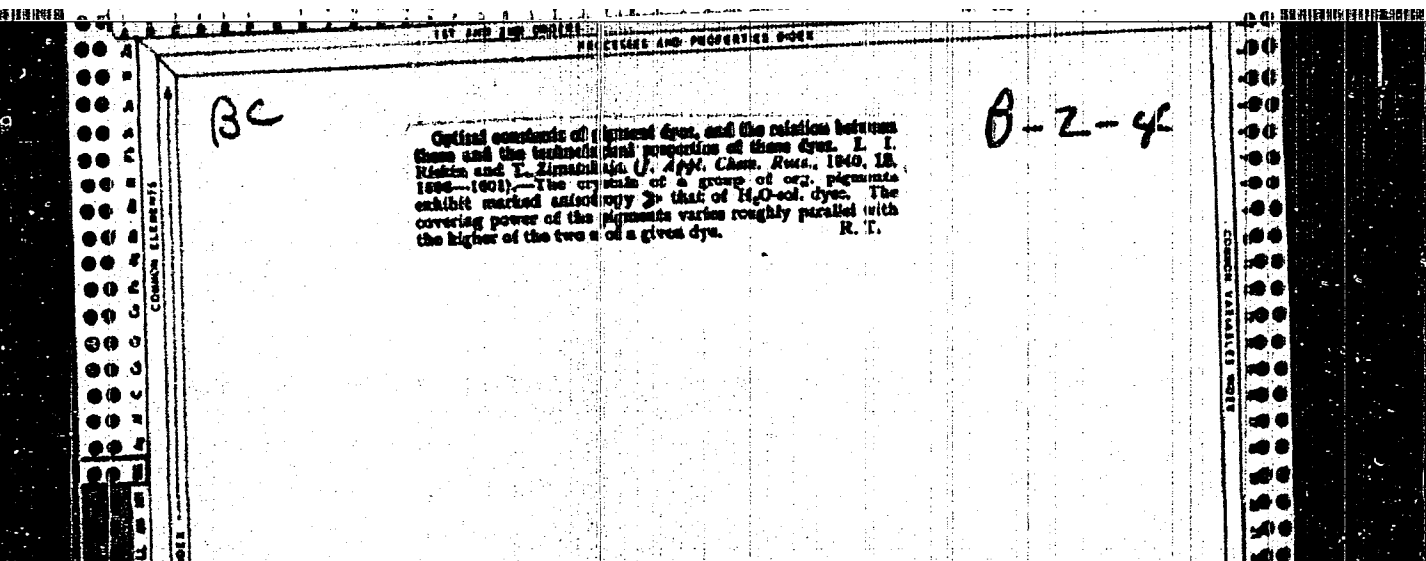
(Volga Don Canal--Hydraulic engineering)

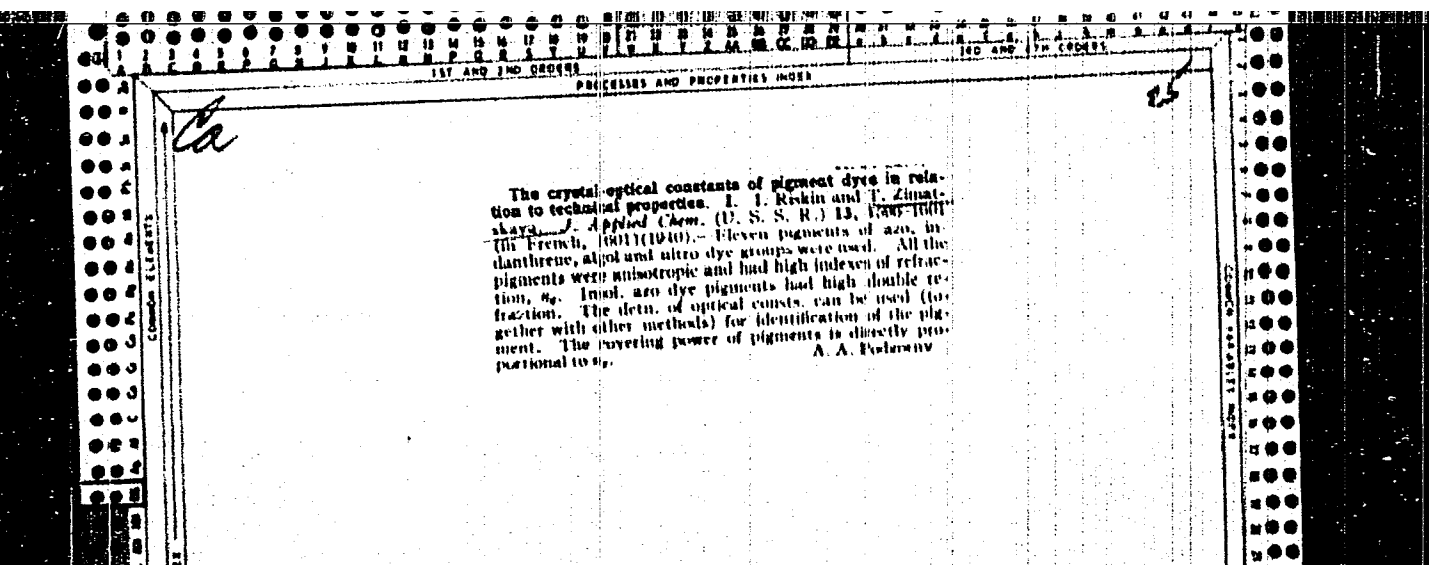
ZAYTSEV, I.F.; VDOVIN, D.I.; GNEDOV, N.P.; BLAGOV, I.S.; ZIMASKOV, V.A.;
KOIKIN, A.M.; LEKHTSIYER, I.S.; MIROSHNIKOV, V.G.; USYKIN, V.T.

Separator for dressing lump material. Gor. zhur no.4:76 Ap '63.
(MIRA 16:4)
(Separators (Machines))

ZIMASKOVA, L.A.

Results of testing perennial flowers in the southern Balkhash region.
Trudy Inst.bot.AN Kazakh.SSR 17:60-71 '63. (MIRA 17:3)





ZIMATSKIY, Ye.S.

Replacing nut joints with sleeve joints on tapered thread. Rats. 1
izobr. predl. v stroi. no.5:70-71 '58. (MIRA 11:6)

1. Master spetsuchastka, Minsk, BSSR.
(Pipe joints)

ZIMBA, V.V.

Some trinomial equations. Trudy LVI 1:112-116 '62

(MIRA 17:7)

ZIMBALEVSKAYA, L. N.

Invertebrate communities in the undergrowth of higher aquatic plants
of the middle course of the Dnieper River. Gidrobiol. zhur. 1 no.3:38-
48 '65. (MIRA 18:6)

1. Institut gidrobiologii AN UkrSSR, Kiev.

ZIMBALEVSKAYA, L.N.

Dynamics of the abundance of phytophilous larvae of Chironomidae of the middle course of the Dnieper River and their distribution according to the types of growths. Vop. skol. 5:77-79 '62. (MIRA 16:6)

1. Institut gidrobiologii AN UkrSSR, Kiev.
(Dnieper River---Chironomidae)

ZIMBALEVSKAYA, L.N. [Zimbalevs'ka, L.M.]

Algal fauna of the lower Dnieper River after the building of
Kakhovka Reservoir. Pratsi Inst. hidrobiol. AN URSR no.39:
66-80 '63. (MIRA 17:12)

ZIMBALEVSKIY, M.; KUBERSKIY, L.

Contribution of innovators to a school. Prof.-tekh. obr.
19 no.7:19 J1 '62. (MIRA 15:12)

1. Direktor Garbuzinskogo uchilishcha mekhanizatsii sel'skogo khozyaystva, Cherkasskaya oblast' (for Zimbalevskiy).
2. Zamestitel' direktora po uchebno-proizvodstvennoy rabote Garbuzinskogo uchilishcha mekhanizatsii sel'skogo khozyaystva (for Kuberskiy).
(Farm mechanization—Study and teaching)

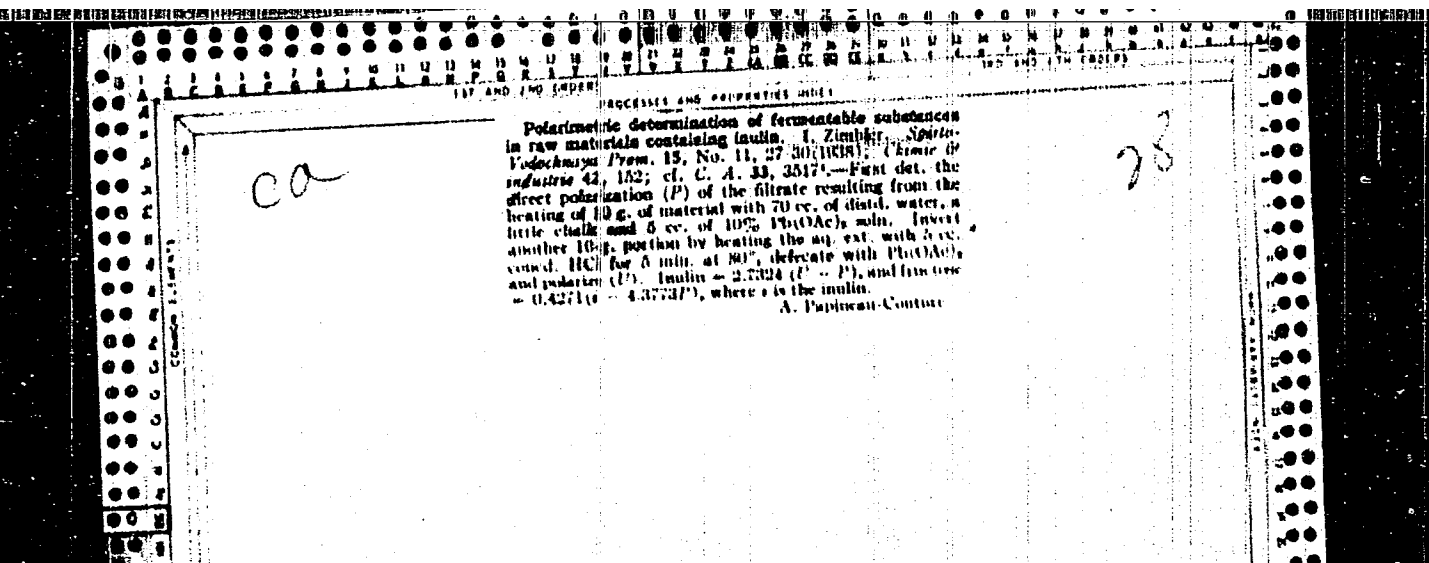
ZIMBAUER, KARL
YUGOSLAVIA / Chemical Technology. Chemical Products and Their Application. Dyeing and Chemical Treatment of Textiles. H-34
Abs Jour : Ref Zhur - Khim., No 3, 1958, No 10, 076
Author : ~~Zimbauer, Karl~~
Inst : Not given
Orig Pub : Tekstil. ind., 1955, 3, No 12, 14-16
Title : The Possibilities in Using Dyes Which Require Subsequent Treatment with Copper Salts.
Abstract : A review of the development and uses of cupraphonylic dyes (made by Geigy, Switzerland) which require treatment

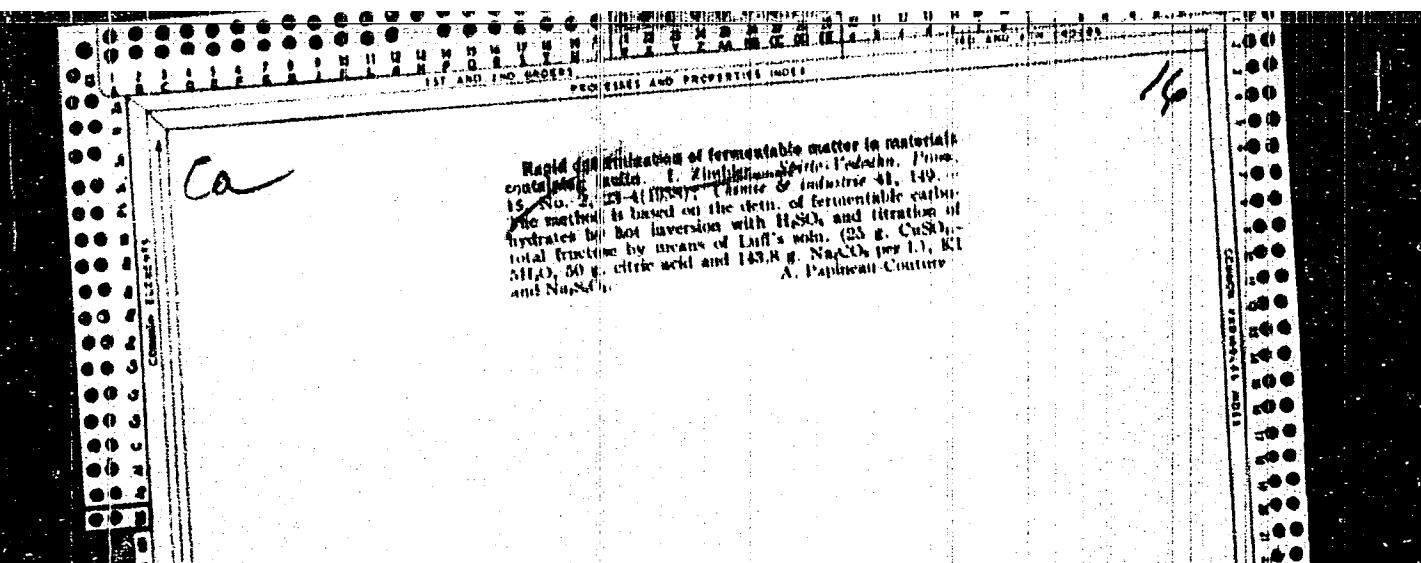
ZIMBIKHILE, David B.S.

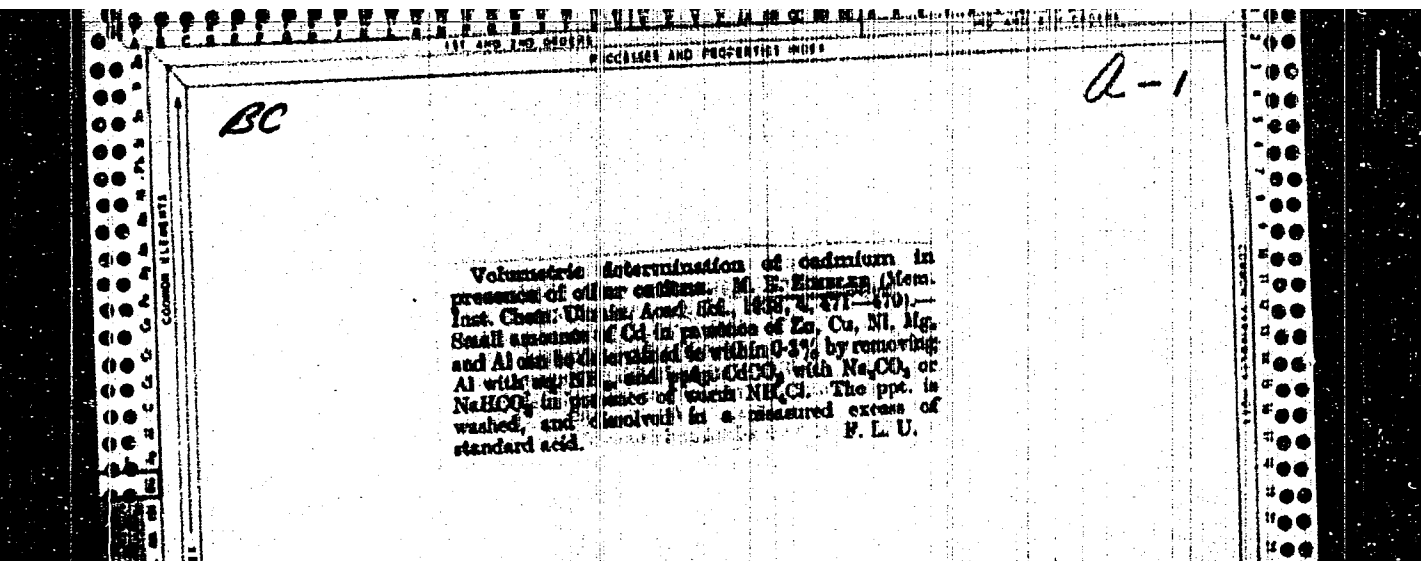
Abroad. Avt. transp. 41 no.9:60-62 S '63.

(MIRA 16:10)

1. Sekretar'-kaznachei professional'nogo soyuza transportnykh i
nekvalifitsirovannykh rabochikh Tangan'iki.







ZIMBULI, Ye.A. (Leningrad)

Mechanization of bookkeeping in train sheds, Zhel.dor.transp. 39
no.4:72-74 Ap '57. (MLRA 10:5)

1.Glavnyy bukhgalter depo Leningrad-Passazhirskiy Moskovskiy.
(Railroads--Accounts, bookkeeping, etc.)

ZIMEL, H.; NICOLESCU CATARGI, M.; VIANU, I.

The influence of the hypothalamic lesions on the reactivity
to cytostatics in the experimental cancer. Neoplasma 10 no.5:
461-467 '63.

1. Institute of Endocrinology "C.I.Parhon" of the R.P.R.
Academy, Bucarest, Roumania.

ZIMEL, H.; RIVENZON, A.; DOBRESCU, A.

On the problem of the innervation of tumors. Report III.
Comparative investigation on cholinergic metabolism in
experimental tumors. Neoplasma, Bratisl. 7 no.1:11-17 '60.

1. Institut endokrinologii imeni K.I. Parkhoma Akademii HNR.,
Bukharest, Rumyniya.

(NEOPLASMS metab.)

(ACETILCHOLINE metab.)

(CHOLINESTERASE metab.)

STERESCU, N.; VOICULET, N.; ZIHEL, H.

Studies on the acting mechanics of the thyreotropic hormone. Note 3:
Influence of chlorpromazine on the biosynthesis of thyroidal hormones
under the influence of the thyreotrope stimulus. Studii cerc.fiziol.
4 no.3:313-320 '59. (REAI 9:5)
(HORMONES) (THYROID GLAND) (CHLORODIMETHYLAMINOPROPYLPHENOTHIAZINE)

ZIMEL, H.; MACRINEANU, Ana

Cryptorchism as an aggravating factor in the genesis of experimental testicular tumors. IV. Intratesticular development of Walker 256 adenocarcinoma in rats after replacement of the ectopic testis in the scrotum. Stud. cercet. endocr. 13 no.1:72-79 '62.

(TESTIS neoplasms) (ADENOCARCINOMA experimental)
(CRYPTORCHISM complications)

ZIMEL, H.; PETREA, I.; MACRINEANU, A.; HILLEBRAND, A.

The effects of the ribozauracil and novoembihin on the experimental tumours and on the endocrine system in the hypophysectomized rats. Necplasma 10 no.5:469-481 '63.

1. Institute of Endocrinology "C.I.Parhon" of the R.P.R.
Academy, Bucarest, Roumania.

ZIMEL, H.; CATARGI, NICOLESCU, AL.; RIVENSON, A.

The influence of hypothalamic lesions on experimental tumorigenesis.
I. Intratesticular development of Walker's 256 adenocarcinoma in rats
with hypothalamic lesions. Romanian M Rev. no.3:49-50 J1-S '60.
(HYPOTHALAMUS physiology) (ADENOCARCINOMA experimental)
(NEOPLASMS experimental)

LU SI SIN; ZIMEL, H.

Biochemical and morphological changes in the intestines of rabbits
treated with cortisone. Stud. cercet. endocr. 13 no.4:529-539 '62.
(INTESTINES) (CORTISONE)

ZIMEL, H.; MACRINEANU, Ana

The influence of adrenalectomy and treatment with corticoid hormones on the effectiveness of chemotherapy in experimental cancer. Studii cercet. endocr. 16 no.2:137-141 '65.

ZIMEL, H.; MACRINEANU, Ana

Experimental data concerning the chemotherapy of cancer with
the aid of combined hormones and cytostatics. Rumanian med. rev.
19 no.2:73-78 Ap-Je '65.

ZIMEL, H.; NICOLESCU-CATARGI, M.; MACRINEANU, Ana

Influence of the hypothalamus and of hormone treatment on testicular lesions produced by treatment with cytostatic drugs. Stud. cercet. endocr. 15 no.3:223-226 '64.

ZIMEL, H.; MACRINEANU, Ana; HILLEBRAND, A.

Cryptorchidism as an aggravating factor in experimental testicular tumorigenesis. Note to VII-a: Development of tumor homotransplants in the testicles of cryptorchid, hypophysectomized rats treated with gonadotropic hormone. Stud. cercet. endocr. 15 no.2:123-126 '64.

ZIMEL, H.; MACRINEANU, Ana

The role of cryptorchism in tumorigenesis of the testicle.
Rev. sci. med. 8 no.3/4:197-200 '63.

(CRYPTORCHISM) (TESTICULAR NEOPLASMS)
(HYPOPHYSECTOMY) (NEOPLASMS, EXPERIMENTAL)
(CARCINOMA 256, WALKER)

ZIMEL, H.; MACRINEANU, Ana

Research on the antitlastic action of a nitrogen mustard of
the urethane type bound to hydrocortisone. Stud. carpat.
endoar. 15 no.5:413-418 '64.

ZIMEL', Kh. [Zimel, H.]

Research on chemotherapy of experimental cancer, using combinations of hormones and cytostatic drugs. Rev. sci. med. 8 no.3/4:193-196 '63.

(ANTINEOPLASTIC AGENTS) (BAYER E 39)
(ETHYLENEDIAMINES) (MANNOMUSTINE)
(ANDROGENS) (ESTROGENS) (CARCINOMA 256, WALKER)
(NEOPLASMS, EXPERIMENTAL)

ZIMEL, H.; MACRINEANU, Ana; HILLEBRAND, A.

Cryptorchism as an aggravating factor in experimental testicular tumorigenesis. VI. Effects of hypophysectomy on the intratesticular development of Walker 256 adenocarcinoma in rats with experimental cryptorchism. Stud. cercet. endocr. 13 no.4:557-561 '62.

(CRYPTORCHISM) (TESTICULAR NEOPLASMS) (ADENOCARCINOMA)
(HYPOPHYSECTOMY)

ZIMEL, H.; MACRINEANU, Ana

The effects of castration and concomitant treatment with degranol and estrogens on experimental tumors. Stud. cercet. endocr. 13 no.5:696-698 '62.

(MAMMARY NEOPLASMS, EXPERIMENTAL) (ADENOCARCINOMA)
(CASTRATION) (ESTROGENS) (MANNOMUSTINE)

RUMANIA

MILCU, St. M., Acad; ZIMBL, H.

Prof C. I. Parhon Institute of Endocrinology of the
Academy of the RPR, Bucharest (Institutul de endo-
crinologie "Prof C. I. Parhon" al Academiei RPR,
Bucuresti) - (for all)

Bucharest, Viata Medicala, No 17, 1963, pp 1155-1160

"The Synthesis of Certain Hormonocytostatic Prepar-
ations and Their Use in the Chemotherapy of Cancer"

ZIMEL, H.; MACRINEANU, Ana

Action of hormonocytostatic preparations on liver regeneration in rats with partial hepatectomy. Stud. cercet. endocr. 15 no.6: 587-589 '64.

The antitlastic action of hormonocytostatic preparations in animals with damaged liver, bearing homotransplanted tumors. Ibid.:591-593.

ZIMEL, H.; MACRINEANU, A.

Increased antitlastic activity of some hormone-cytostatic compounds by previous administration of nonalkylating model substances. Neoplasma (Bratisl) 12 no.3.297-304; 1965

1. Institute of Endocrinology, "C.I.Parhon", Bucarest, Roumania.

ZIMELANSKI, Swiatoslaw

Secretion of glycoproteins with intestinal juice under the influence of diets with various protein contents. Acta physiol. polon. 13 no.3: 351-358 '62.

1. Z Zakladu Higieny Zywiania PZH w Warszawie Kierownik: prof. dr A. Szczygiel Z Zakladu Patologii Ogolnej i Doswiadczalnej AM w Warszawie Kierownik: prof. dr J. Walawski.
(PROTEINS nutrition & diets) (GLYCOPROTEINS metab)
(INTESTINES physiol)

ZIMELEV, A.G.; KUZ'MIN, R.N.

Making Zr-D targets on a copper base layer. Prib. 1 tekhn.
eksp. no.3:139-141 My-Je '60. (MIRA 14:10)
(Metal foils) (Zirconium)

ZIMELEV, A.G.

82001

S/120/60/000/03/041/055
E032/E514

21.3200

AUTHORS: Zimelev, A. G. and Kuz'min, R. N.

TITLE: Preparation of Zr-D Targets on a Copper Base

PERIODICAL: Priory i tekhnika eksperimenta, 1960, No 3,
pp 139-141

ABSTRACT: The zirconium targets¹⁹ were prepared using the arrangement of ribbons shown in Fig 1. The innermost ribbon in this figure is in the form of a copper ring, the next is a zirconium foil tightly pressed against the copper and the outer ribbon is made of tantalum. The zirconium ribbon is 0 to 100 μ thick. Owing to the difference in the zirconium and tantalum,

82001

S/120/60/000/03/041/055
EO32/E514

Preparation of Zr-D Targets on a Copper Base

deuterium per zirconium atom in about 20 min.
There are 2 figures, 1 table and 6 references, 2 of
which are Soviet and 4 English.

SUBMITTED: April 18, 1959

ZIMELEV, A. G.

ZIMELEV, A. G.: "Investigation of the operation of a cold cathod with
igniting equipment in high-voltage impulse discharge at low pressures."
Moscow Order of Lenin and Order of Labor Red Banner State U imeni M.
V. Lomonosov. Physics Faculty. Moscow, 1956. (Dissertations for
the Degree of Candidate in Physicomathematical Sciences.)

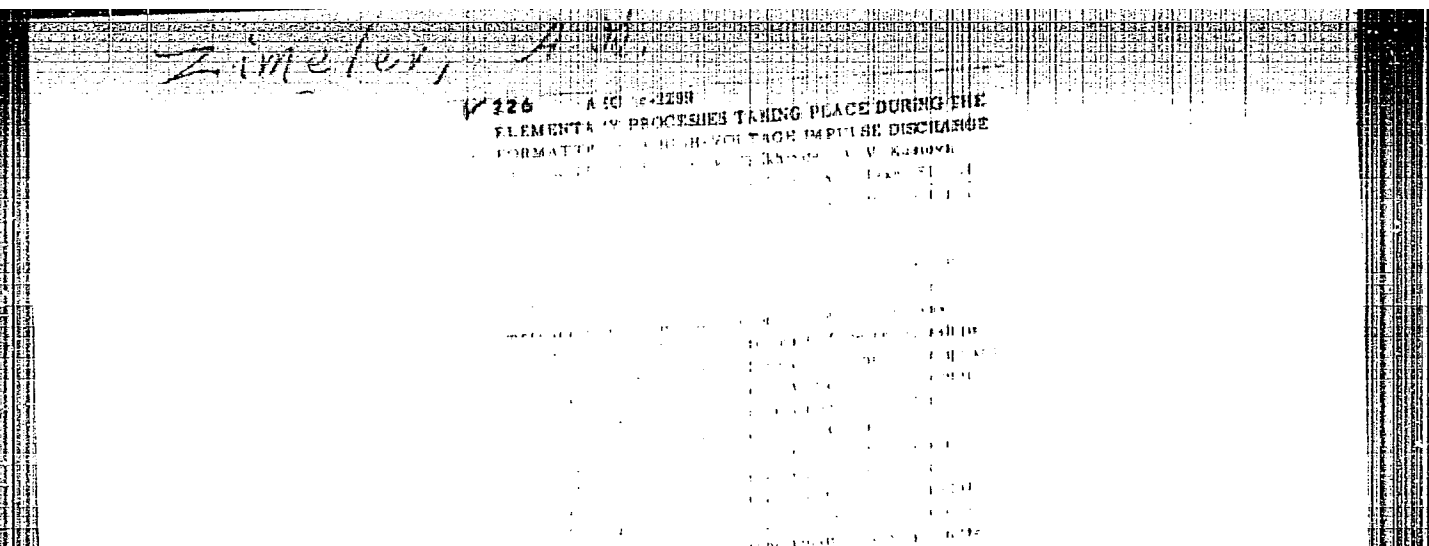
So: Knizhnaya letopis', No. 37, 1956. Moscow.

REYKHRUDEL', E.M.; ZIMELEV, A.G.; KUSTOVA, A.V.

Properties of cold cathodes with pulsed-discharge trigger devices
operated at low pressures. Izv.AN SSSR, Ser.fiz. 20 no.10:1153-
1161 O '56. (MIRA 10:1)

1. Fizicheskiy fakul'tet Moskovskogo gosudarstvennogo universiteta
imeni M.V.Lomonosova.

(Electron tubes)



"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065210006-9

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065210006-9"

517 421
USSR, 6773. Elementary processes in the formation of the
high on tape images discharge at low pressures.